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AMENDMENT TRANSMITTAL FORM

In re application of: Ramesh Varadaraj, et al.
 U. S. Serial No.: 10/574,764
 International Application No. PCT/US04/32223
 International Application Filing Date: 10/01/2004
 For: SURFACTANT ENHANCED FLUID CATALYTIC
 CRACKING PROCESS

) Before the Examiner
) Not Yet Assigned
)
) Confirmation Number: 2493
) Group Art Unit: 1764
) Family Number: P2003J083

Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the
 Commissioner for Patents facsimile number 1-571-273-8300 on the date shown below.

Susan Fleming

Susan Fleming

August 30, 2007

Type or print name of person signing certification

Signature

Date

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$_____ to extend the time for filing this response until _____.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7)
Total Claims	*	Minus	**		x 50.00	
Indep. Claims	*	Minus	***		x 200.00	
MULTIPLE DEPENDENT CLAIM FEE					\$ 360.00	
FEE FOR CLAIM CHANGES						

* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this Communication, including claim changes and any extension of time is calculated to be \$_____.

☒ Charge \$_____ to **DEPOSIT ACCOUNT NO. 05-1330**.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to **DEPOSIT ACCOUNT NO. 05-1330**.

DATE OF SIGNATURE

Post Office Address: [to which correspondence is to be sent]
 ExxonMobil Research and Engineering Company
 P. O. Box 900
 Annandale, New Jersey 08801-0900

ATTORNEY OR AGENT OF RECORD

BRUCE M. BORDELON

Registration No. 59,789

☒ Pursuant to 37 CFR 1.34(a)

Facsimile Number: (908) 730-3649



27810

PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"PATENT"
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AUG 30 2007

In re Application of
Ramesh Varadaraj, et al.
U. S. Serial No. 10/574,764

International Application No.: PCT/US04/32223
International Application Filing Date: 10/1/2004

**SURFACTANT ENHANCED FLUID
CATALYTIC CRACKING PROCESS**

) Before the Examiner
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) Confirmation Number: 2493
)
) Group Art Unit: 1764
) Family Number: P2003J083
)

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Office of Initial Patent
Examination's Filing
Receipt Corrections

Sir:

COMMUNICATION

Please correct the title of the referenced application from the title as shown on the Filing Receipt dated August 14, 2007 to the following:

"Surfactant Enhanced Fluid Catalytic Cracking Process"

Above is the title as shown on the application as originally filed with the PCT in the United States Receiving Office on October 1, 2004.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the
Commissioner for Patents facsimile number 1-571-273-8300 on the date shown below.

Susan Fleming
Type or print name of person signing certification

Susan Fleming
Signature

August 30, 2007
Date



27810

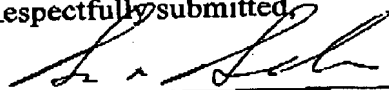
PATENT TRADEMARK OFFICE

U.S. Serial No. 10/574,764
Reply to Office Action of: August 14, 2007
Family Number: P2003J083

Page 2

Attached is a copy of the Filing Receipt for the above application dated August 14, 2007 (3 pages) showing the correction to the title as requested and a copy of the "Transmittal Letter to the United States Receiving Office" (1 page) for the above application showing the correct title of the application as submitted on October 1, 2004.

Respectfully submitted,



Bruce M. Bordelon
Attorney for Applicant(s)
Registration No. 59,789
Telephone Number: (908) 730-3210
Facsimile Number: (908) 730-3649

☒ Pursuant to 37 CFR 1.34(a)

ExxonMobil Research and Engineering Company
P. O. Box 900
Annandale, New Jersey 08801-0900
BMB:sbf
August 29, 2007

RECEIVED Page 1 of 3
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AUG 30 2007



UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371(C) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/574,764	04/17/2007	1764	1580	YMC P2003J083-WO	31	2

27810
 ExxonMobil Research & Engineering Company
 P.O. Box 900
 1545 Route 22 East
 Annandale, NJ 08801-0900

AUG 20 2007

CONFIRMATION NO. 2493

FILING RECEIPT



OC000000025318432

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Date Mailed: 08/14/2007

Receipt is acknowledged of this nonprovisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt Incorporating the requested corrections (if appropriate).

Applicant(s)

Ramesh Varadaraj, Flemington, NJ;
 George A. Swan III, Baton Rouge, LA;
 James D. Dearth, Baton Rouge, LA;
 Stuart S. Goldstein, Southampton, UNITED KINGDOM;
 W. Russell Adamson, Gainesville, VA;

Assignment For Published Patent Application

Exxon Mobil Research and Engineering Company, Annandale, NJ

Power of Attorney: The patent practitioners associated with Customer Number 27810.

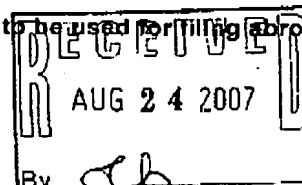
Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US04/32223 10/01/2004
 which claims benefit of 60/510,201 10/10/2003
 and claims benefit of 60/604,661 08/25/2004

Foreign Applications

If Required, Foreign Filing License Granted: 08/10/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/574,764**



Projected Publication Date: 11/22/2007

Non-Publication Request: No

Early Publication Request: No

Title

Surfactant *Enhanced* Fluid Catalytic Cracking Process

Preliminary Class

208

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce Initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING

LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

AUG 30 2007

TRANSMITTAL LETTER TO THE
UNITED STATES RECEIVING OFFICE

Date	October 1, 2004
International Application No.	New Application
Attorney Docket No.	P2003J083-WO

I. Certification under 37 CFR 1.10 (if applicable)

EU862909623US Express Mail mailing number	October 1, 2004 Date of Deposit
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I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

<i>Teresa L. Lachowski</i> Signature of person mailing correspondence	Teresa L. Lachowski Typed or printed name of person mailing correspondence
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II. ☒ New International Application

TITLE SURFACTANT ENHANCED FLUID CATALYTIC CRACKING PROCESS	Earliest priority date (Day/Month/Year) 10 October 2003
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SCREENING DISCLOSURE INFORMATION: In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply):

A. ☐ The invention disclosed was not made in the United States.

B. ☐ There is no prior U.S. application relating to this invention.

C. ☒ The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

application no.	60/604,661	filed on	25 August 2004
application no.	60/510,201	filed on	10 October 2003

D. ☐ The present international application contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C. above. The additional subject matter is found on pages _____ and ☐ DOES NOT ALTER ☐ MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.

III. ☐ A Response to an invitation from the RO/US. The following document(s) is (are) enclosed:

A. ☐ A Request for An Extension of Time to File a Response

B. ☐ A Power of Attorney (General or Regular)

C. ☐ Replacement pages:

pages _____	of the request (PCT/RO/101)	pages _____	of the figures
pages _____	of the description	pages _____	of the abstract
pages _____	of the claims		

D. ☐ Submission of Priority Documents

Priority document _____	Priority document _____
-------------------------	-------------------------

E. ☐ Fees as specified on attached Fee Calculation sheet form PCT/RO/101 annex

IV. ☐ A Request for Rectification under PCT 91 ☐ A Petition ☐ A Sequence Listing Diskette

V. ☐ Other (please specify): _____

The person signing this form is the:	<input type="checkbox"/> Applicant	Jeremy J. Kliebert, Reg. No. 48,227
	<input checked="" type="checkbox"/> Attorney/Agent (Reg. No.)	Typed name of signer
	<input type="checkbox"/> Common Representative	Signature

PTO-1362 (Rev. 04-2003)

U.S. Department of Commerce: Patent and Trademark Office

OCT 01 2004